

Anti-TrkA

Code No.
JM-3194-100

Host
Rabbit IgG

Quantity
100 µg

BACKGROUND:

TrkA, the high affinity Nerve Growth Factor (NGF) receptor, autophosphorylates on tyrosine to activate multiple effectors. Phosphorylation at Tyr490 is required for Shc association and activation of the Ras-MAP kinase cascade. Residues Tyr674/675 lie within the catalytic domain, and phosphorylation at these sites reflects Trk kinase activity.

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-TrkA polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

SPECIES REACTIVITY:

Human, Mouse, Rat

SPECIFICITY:

The antibody detects both nonphosphorylated and phosphorylated TrkA

APPLICATIONS:

The antibody can be used for Western blotting (1 µg/ml). However, the optimal conditions should be determined individually.

STORAGE:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

INTENDED USE:

For research use only. Not for human, diagnostic, or therapeutic use.

REFERENCES:

Segal, R.A. and Greenberg, M.E. (1994) *Annu. Rev. Neurosci.* 19:463-489.
Stephens, R.M., *et al.* (1994) *Neuron* 12:691-705.